SARRESH et al
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AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 4, line 25, and continuing to page 5, line 4, as follows:

An attempt has previously been made to compensate for the delay differences between branches of a radio link received by diversity antennas at a sector of a base station. Typically the delay differences are calculated based on certain hardware delay mean values which are measured at the hardware factory and stored in a memory (e.g., flash memory) on a board or the like which bears the hardware. Also, delays occasioned by cabling (e.g., between hardware components) ~~is~~ are calculated according to cable type and length. Using the stored delay differences for the hardware and the cables, some type of compensation value is calculated and employed to adjust the induced delay between the branches

Please amend paragraph [00102] beginning at page 25, line 18, and continuing to page 25, line 31, as follows:

The first embodiment of the invention thus achieves a better precision in delay alignment. As noted above, the rake receiver in the RAX board 60 is employed to measure the delay difference between the two branches for each cell/carrier (e.g., the antenna pair) for each radio link. The invention provides enhanced accuracy, e.g., within a couple of nanoseconds. The measurements are executed frequently and could be executed essentially constantly. The timing of the measurements is configurable and can be configured, e.g., such that it would only to measure essentially constantly. The measurements are stored in a matrix by the receiver board 60 in the manner shown in Fig. ~~8~~9. Thereafter, these board-based measurements are processed by main processor 70, and more particularly by delay alignment unit 72, to obtain the delay adjustment values

for each cell/carrier. The calculated delay adjustment values are sent to the delay adjustment buffer 55 for the appropriate branch. Accordingly, the residual delay difference after the alignment is equal to the following expression: Measurement accuracy + Adjustment step size + angle of arrival variance.